



**Government of India
Ministry of Communications
Department of Posts – Civil Wing
Postal Electrical Division, Kolkata
Yogayog Bhawan, P-36, CR-Avenue, Kolkata-700012**



PERCENTAGE RATE E-TENDER DOCUMENT

Name of work : Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.

NIT No : 62/EE/PED/KOL/NIT/2021-22

Estimated Cost : 239720.00

EMD : 0.00

Time Allowed : 45 Days

Certificate that this tender document contains 47 pages numbered from 1 to 46 and Bill of Quantity (BOQ) as Separate in Excel sheet

Executive Engineer(E)
Postal Electrical Division
Kolkata

INDEX

NIT No: 62/EE/PED/KOL/NIT/2021-22

Dated: 11.08.2021

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This NIT contains Total 47 Pages (Tender documents page 1 to 46 and BoQ 1 page)

Issued to : _____ Tender document made available Online

Signature of officer issuing the documents
Designation

Executive Engineer(E)
Postal Electrical Division
Kolkata

**GOVERNMENT OF INDIA
DEPARTMENT OF POSTS
NOTICE INVITING TENDER (CPWD 6)
(e-tendering mode)**

Percentage rate tenders are invited on behalf of President of India from approved and eligible contractors for the work of SITC of 25 KWp capacity Grid connected Solar Power Pack System at Postal Training Centre, Guwahati.

- 1 The enlistment of the contractor should be valid on the last date of sale of tender.
In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tender.
In case both the last date of receipt of application and sale of tender are extended, the enlistment of contractor should be valid on either two dates i. e. original date of sale of tender or on the extended date of sale of tenders.

1.1 The work is estimated to cost Rs **239720.00** This estimate, however is given merely as a rough guide.

- 2 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the tenders. He will also nominate Division, which will deal with all matters relating to the invitation of tenders.

For composite tenders, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of different components separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.

- 3 Agreement shall be drawn with the successful tenderer on prescribed form No.C.P.W.D.- 7 which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 4 The time allowed for carrying out the work will be **30 Days** after award of work from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents."
- 5 The site for the work is available.
- 6 The bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except standard general conditions of contract form can be seen from website <https://dopcivil.euniwizarde.com>.
- 7 After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
- 8 While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- 9 The bidder shall not deposit any amount in respect of Earnest Money Deposit. The Earnest Money Deposit Declaration to be filled, stamped & signed by the bidder as specified in the tender document shall only be uploaded alongwith other requisite documents as per NIT.

Relaxation for Earnest Money Deposit as per OM No. F-9/14/2020-PPD dated 12.11.2020 issued by the Department of Expenditure (Procurement Policy Division), Ministry of Finance, New Delhi and OM No. PPND/SW-II/W/282/2013/491 dated 07.12.2020 issued by the Chief Engineer –I, Department of Posts, New Delhi is enclosed for compliance. These instructions are applicable for all the tenders issued till 31.12.2021.

Interested contractor who wish to participate in the bid has to make payment for E-Tender Processing Fee (As applicable) which shall be payable to M/s ITI Limited through their e-payment gateway by Credit/ Debit card, internet banking or RTGS/ NEFT facility before last date & time of submission of bid.

Copy of certificate of work experience and other documents as specified in the NIT shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in NIT shall have to be submitted by the lowest bidder only along with declaration of EMD in original within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, who has uploaded the EMD declaration and other documents.

- 9.1 The e-Tenders shall be submitted under two envelopes system to the e-tendering website before, the first electronic envelope will be named as **Technical BID Envelope** & shall contain documents of bidder's satisfying the eligibility conditions and tender document and second electronic envelope shall be named as **Financial BID Envelope** containing Bill of Quantities (BoQ). These envelopes shall contain one set of the following documents:-

9.1.1 **Technical Bid Envelope shall contain :**

- i) Declaration of EMD digitally signed by the bidder in pdf format.
- ii) Scanned copy of Chartered Accountant's Certificate for turnover for last 3 years.
- iii) Scanned copy of PAN Card.
- iv) Scanned copy of UNDERTAKING (as per page 17 of this document) Stamped and Signed in pdf format which also includes the undertaking that "The EMD declaration in original shall be submitted by me/us with the EE calling the bid in case I/we become the lowest bidder within a week of the opening of financial bid otherwise department may reject the bid and also take action to withdraw my/our enlistment/debar me/us from tendering in DOP."
- v) Scanned copies of Certificate of Registration of GST/Certificate of provisional registration for GST in pdf format.
- vi) List of works completed of the requisite magnitude (as per Annexure A, page no 43 of the Tender Document) along with attested copies of WORK EXPERIENCE CERTIFICATES / testimonials of requisite magnitude for their satisfactory completion of project from the Department concerned from an officer not below the rank of Executive Engineer/Project Manager. The experience certificate should clearly mention the "Date of start, stipulated date of completion, actual date of completion". The completion certificate without these details shall not be considered and tender shall be rejected.
- vii) Scanned copy of Affidavit Affidavit (as per page 46 of this document)
- viii) Tender Document in pdf format (TENDER XXXX.pdf file) digitally signed.
- ix) NIT Document in pdf format (TENDER XXXX.pdf file) digitally signed.
- x) SOQ Document in pdf format (TENDER XXXX.pdf file) digitally signed.
- xi) Any other document as specified in NIT

9.1.2 **Financial Bid Envelope shall contain :**

- i) Bill of Quantities (BoQ) in xlsx format (BoQ_XXXXX.xlsx) file duly filled & digitally signed without changing the name of file.

- 9.2 The online bids shall be submitted before or on..... up to Online Technical bid envelope will be opened by Executive Engineer (E), Postal Electrical Division, Kolkata or his authorized representative in his office, on at The technical bids will be evaluated first and thereafter financial bids of eligible bidders only shall be opened."

10 The bid submitted shall become invalid if:

- 10.1 The bidder is found ineligible.
- 10.2 The bidder does not upload all the documents (including GST registration Certificate /Certificate of provisional registration for GST) as stipulated in the bid document including the EMD declaration.
- 10.3 If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
- 10.4 The lowest bidder does not submit EMD declaration in original within a week of opening of bid.

- 11 The contractor whose bid is accepted will be required to furnish performance guarantee of **3 %** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than ₹ 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than ₹ 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank (in case guarantee amount is more than ₹ 1,00,000/-) in accordance with the prescribed form given at page 46 of this NIT. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, DOP shall take suitable action as per the EMD declaration of the agency.

The bank A/c's details of Postal Electrical Division, Kolkata are as follows:- A/c's Name: Accounts Officer, Postal Electrical Division, Kolkata, State Bank Government Business Branch, Kolkata. Account No. 32348385589, IFSC Code- SBIN0000001 (Kolkata Main Br.)

- 12 The description of the work is as follows: **Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.** Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
- 13 The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
- 14 Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
- 15 The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 16 The contractor shall not be permitted to bid for works in the Postal Electrical Circle, Bangalore responsible for award and execution of contracts, in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Junior Engineer and Superintending Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Department of Posts. Any breach of this condition by the contractor would render him liable to be debarred for tendering in this Department.
- 17 No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
- 18 The bid for the works shall remain open for acceptance for a period of **75 days from the last day of receipt of technical bid.** If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to take action as per EMD declaration. Further the bidders shall not be allowed to participate in the rebidding process of the work.

- 19 This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 10 days from the stipulated date of start of the work, sign the contract consisting of:-
- 19.1 The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online (in BoQ_XXXXXX.xlsx file) at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
- 19.2 Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.
- 19.3 CPWD General Conditions of Contract for EPC PROJECTS 2020
- 20 In case any discrepancy is noticed between the document as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall be come invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to take action as per EMD declaration. Further the bidder shall not be allowed to participate in the retendering process of the work.

For & on behalf of the President of India

Executive Engineer(E)
Postal Electrical Division
Kolkata

INSTRUCTIONS TO THE CONTRACTORS/BIDDERS FOR THE E-SUBMISSION OF THE BIDS ONLINE THROUGH TENDER SITE. <https://dopcivil.euniwizarde.com>

This tender document has been published on the e-wizard portal <https://dopcivil.euniwizarde.com>. The bidders are required to submit soft copies of their bids electronically on the e-wizard Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-wizard Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-wizard Portal. More information useful for submitting online bids on the e-wizard Portal may be downloaded from “Download” section available on home page on <https://dopcivil.euniwizarde.com>.

REGISTRATION

- 1) Bidders are required to enroll on the e-tendering portal (URL:<https://dopcivil.euniwizarde.com>) by clicking on the link “Register” on the e-tendering portal.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the DoP e-tendering portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with Signing+Encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then login to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) Bidder can search any tender by clicking on “Live Tender” under search option on Home Page. Once the bidders have selected the tenders they are interested in, they may download the required documents after clicking on “Tender Document”.
- 2) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted.
- 2) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLSX / RAR / DWF formats. Bid documents may be scanned with 50 dpi with black and white option.
- 3) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such documents (e.g. GST registration copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Document” available to them to upload such documents. These documents may be directly attached from the “My Document” library while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the bid documents one by one as indicated in the tender document.
- 3) The bidder has to pay e-Tender Processing Fee (As applicable) which shall be payable to M/s ITI Limited through their e-payment gateway by Credit/ Debit card, internet banking or RTGS/ NEFT facility before last date & time of submission of bid.
- 4) **The bidder shall not deposit any amount in respect of Earnest Money Deposit. The EMD Declaration digitally signed by the bidder as specified in the tender document shall only be uploaded alongwith other requisite documents as per NIT.**

- 5) The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
- 6) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The price bid has been given as a standard BoQ format (BoQ_XXXXX.xlsx) with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 7) The server time (which is displayed on the bidder's dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission. The bidders are requested to submit the bids through online e-tendering system to the TIA well before the bid submission end date & time (as per Server System Clock).
- 8) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening.
- 9) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 10) Upon the successful and timely submission of bids, the portal will give a successful bid submission acknowledgement copy will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 11) The acknowledgement copy has to be printed and kept as an acknowledgement of the submission of the bid.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the TIA i.e. Executive Engineer(E), Postal Electrical Division, Kolkata. Ph: 033-22120646, e-mail id- eeepedkolkata@gmail.com.
- 2) Any queries relating to the process of online bid submission or queries relating to e-tendering Portal in general may be directed to the e-Wizard Helpdesk. The contact number for the helpdesk is 011-49606060, Mr.Awesh Tyagi 92058-98224; Mr.Abhinav 79826-96347, Mr.Samabesh 93550-30634, Mr.Bibhesh 93550-30629.

Executive Engineer(E)
Postal Electrical Division
Kolkata

**GOVERNMENT OF INDIA
DEPARTMENT OF POSTS- CIVIL WING**

State	Assam	Circle	PEC, Bangalore
Branch	Electrical	Division	PED, Kolkata
Zone		Sub division	PESD, Guwahati

Percentage Rate Tender & Contract for Works

(A) Tender for the work of:-

Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.

To be submitted through e-tendering on **19.08.2021** up to **18:00 Hrs** to the office of the Executive Engineer(E), Postal Electrical Division, Kolkata

To be opened through e-tendering in presence of tenderers who may be present at on **20.08.2021** at **11:00 Hrs** in the office of the Executive Engineer(E), Postal Electrical Division, Lucknow

Issued to : _____ Tender document made available Online

Signature of officer issuing the documents:

Designation: Executive Engineer (E), Postal Electrical Division, Kolkata

Date of issue :- As per INFORMATION AND INSTRUCTIONS FOR BIDDERS

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specification applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz. schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **75 days from the last day of receipt of technical bid** and not to make any modifications in its terms and conditions.

The bidder shall not deposit any amount in respect of Earnest Money Deposit. The EMD Declaration digitally signed by the bidder as specified in the tender document shall only be uploaded alongwith other requisite documents as per NIT.

If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to take action as per EMD declaration. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely, otherwise the said performance guarantee shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision, contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same to use the information in any manner prejudicial to the safety of the State.

Dated_____

Signature of contractor
Postal Address

Witness:

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of _____
(Rupees_____)

The letters referred to below shall form part of this contract Agreement:-

i)

ii)

iii)

For & on behalf of the President of India

Signature_____

Designation_____

I_____

SCHEDULES FOR WORKS

SCHEDULE 'A'

Bill of Quantities (BoQ_XXXXXX.xlsx file on the website against this work item).

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl. No	Description of items	Qty	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NIL				

SCHEDULE 'C'

Tools and plants to be hired to the contractor:

Sl. No	Description	Hire charges per day	Place of Issue
1	2	3	4
NIL			

SCHEDULE 'D'

Extra schedule for specific requirements/ document for the work, if any, specification of work, if any etc.

As attached

SCHEDULE 'E'

Reference to General conditions of contract: CPWD General Conditions of Contract for EPC Project–2020 amended up to the last date of submission of online tender.

Name of work:- **Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.**

- i Estimated cost of work : 239720.00
- ii Earnest money : 0.00 EMD Declaration as per NIT
- iii Performance Guarantee : 3% of tendered amount
- iv Security Deposit : 7.50% of tendered amount

SCHEDULE 'F'

General Rules & Direction : CPWD General Conditions of Contract for EPC Project 2020 with up to date amendments (As on Date of opening of price bid) shall be read with NIT.

Officer inviting tender : **Executive Engineer (E), Postal Electrical Division, Kolkata**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. (See below)

Definitions

- 2(v) Engineer-in-Charge: Executive Engineer (E), Postal Electrical Division, Kolkata
- 2(viii) Accepting Authority: Superintending Engineer (E), Postal Electrical Circle, Bangalore

2(x)	Percentage on cost of materials and labour to cover all overheads and profits	15%
2(xi)	Standard schedule of Rates	DSR/MR/MNRE
2(xii)	Department	Department of Posts
9(ii)	Standard CPWD contract Form	GCC for EPC PROJECTS 2020, CPWD Form 7/8 modified & corrected upto date

Amendments up to last date of submission of online tender shall be read with NIT

Clause 1

i)	Time Allowed for submission, of Performance Guarantee from the date of issue of letter of acceptance	10 Days
II)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	5 Days

Clause 2

Authority for fixing compensation under clause 2.

**SE (E), Postal Electrical Circle,
Bangalore**

Clause 2 A

Whether Clause 2 A shall be applicable

No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start	10 Days
---	----------------

Mile stone(s) as per table given below:-

Sl. No	Description of milestone (physical)	Time allowed in days (from date of start)	Amount with held in case of non achievement of milestone
1			
2			
3			
4			
5			

Time allowed for execution of work	120 Days
------------------------------------	-----------------

Authority to Decide:

i)	Extension, of time for completion of work.	E.E(E) / S.E(E)
ii)	Rescheduling of mile stones	S.E(E)

Clause 6

Clause applicable - Clause 6

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	N.A
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Clause 10A

List of testing equipment to be provided by the contractor at site lab.

N. A.

Clause 10B(ii)

Whether Clause 10 B (ii) shall be applicable

No

Clause 10C

Component of labour expressed as percent of value of work

N.A.

Clause 10CA

N.A.

Clause 10CC

Clause 10CC to be applicable in contracts with stipulated Period of completion exceeding the period shown in next column:

Not applicable

Clause 11

Specifications to be followed for execution of work:

As per NIT/ MNRE/ JNNISM guidelines amended upto date

Clause 12

12.2 & 12.3

Deviation Limit beyond which clauses 12.2.
& 12.3 shall apply for building work

25%

& 12.3 shall apply for foundation work

N.A

Clause 16

Competent Authority for deciding reduced rates

S.E.(E)

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:

As required for timely execution of
work**Clause 25**

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute one Chairman and two members	Chief Engineer or Additional Director General if there is no Chief Engineer

Clause 36 (i)

S. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision, of clause 36(I)	
						Figures	Words
1	Recognized Diploma Holder	Electrical	Electrical	3 years	1	Rs.10000/- per month	Ten Thousand Only
2	Recognized Degree Holder	Electrical	Electrical	3 years	1	Rs.15000/- per month	Fifteen Thousand Only

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers

Clause 42

i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates _____ printed by C.P.W.D. N.A

ii) Variations permissible on theoretical quantities. N.A

a) Cement for works with estimated cost put to tender not more than ₹ 5 lakhs 3% plus / minus

Cement for works with estimated cost put to tender more than ₹ 5 lakhs 2% plus / minus

b) Bitumen for all works 2.5% plus only & nil on minus side

c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus / minus

d) All other materials. Nil.

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of item	Rates in figures and words at which recovery shall be made from the contractor Rate in schedule 'B' plus 10% in case materials issued by Department	
		Excess beyond Permissible variation	Less use beyond Permissible variation
1	Cement	N.A.	
2	Steel reinforcement		
3	Structural Sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

CORRECTION SLIPS

CPWD FORM 6:

- 1 Wherever Form -7/8 is appearing in this form, figure 8 stands deleted.
- 2 Wherever item rate tender is appearing in this form, it stands deleted.
- 3 Para 1 of this form is substituted as Press Notification enclosed in the tender documents.

CPWD FORM 8:

- 1 Wherever Form -7/8 is appearing in this form, figure 8 stands deleted.
- 2 Wherever item rate tender is appearing in this form, it stands deleted.
- 3 All the Para's in this form related to Form CPWD-8 (for item rate tender) may be treated as deleted.
- 4 Clause 2A of this form related to incentives for early completion may be treated as deleted.
- 5 Clause -16 & 17-Time period shall be 5 years.

Earnest Money Deposit Declaration

Whereas, I/we (Name of agency) _____ have submitted bids
for (Name of Work) _____

I/We hereby submit following declaration in lieu of submitting Earnest Money Deposit

(1) If, In case any provisions of this tender are found violated by me/us or I/we withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) after the opening of tender, or specified in the tender documents,

OR

(2) If, after the award of work, I/we fail to sign the contract, or to fail to submit performance guarantee before the deadline defined in the tender documents,

I/we shall be suspended for one year and shall not be eligible to bid for DOP tenders from date of issue of suspension order.

(Signature of the Bidder, with Official Seal)

UNDERTAKING

To be submitted by bidders (on company letter head duly signed with stamp & seal) online in pdf format on or before last time of date of bid submission.

To

**Executive Engineer (E)
Postal Electrical Division
Kolkata**

Subject: Acceptance of Terms & Conditions of Tender and undertaking to submit EMD declaration in original with in 7 days time in case I/we becomes lowest bidder.

Tender Reference No: **62/EE/PED/KOL/NIT/2021-22**

Dated: **11.08.2021**

Name of Work: Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.

Dear Sir,

- 1 I/We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site: <https://dopcivil.euniwizarde.com> as per your advertisement, given in the aforesaid website.
- 2 I/We hereby certify that I / we have read the entire terms and conditions of the tender document from **Page No. 1 to 46** (including all documents like annexures, schedules etc.) & **Page 1** (for BOQ), which form part of the contract agreement and I/we shall abide hereby by the terms / conditions / clauses contained therein.
- 3 The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
- 4 I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
- 5 I/We hereby undertake that the EMD declaration in original shall be submitted by me/us in the office of The Executive Engineer(E), Postal Electrical Division, Kolkata in case I/we become the lowest bidder within 7 days of the opening of financial bid otherwise department may reject the bid and also take action to debar me/us from tendering in Department of Posts.
- 6 In case any provisions of this tender are found violated, then your department/ organisation shall without prejudice to any other right or remedy be at liberty to reject/rescind this tender/ bid/ contract as per the EMD Declaration.
- 7 I/We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of department, then I/we shall be debarred for tendering in Department of Posts in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer in charge shall be free to forfeit the entire amount of Earnest Money Deposit/ Performance Guarantee.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Form of Performance guarantee / Bank guarantee bond [Reference para 21.1.(1)(V)]

In consideration of the President of India (hereinafter called “The Government”) having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called “the said Contractor(s)”) for the work..... (hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for ☐ (Rupees..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

- 1 We, (hereinafter referred to as “the Bank”) hereby undertake to pay to the Government an amount not exceeding ☐ (Rupees..... Only) on demand by the Government.
- 2 We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ☐ (Rupeesonly)
- 3 We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.
- 4 We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineerin- Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
- 5 We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
- 6 This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
- 7 We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
- 8 This guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to ☐ (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated theday of for..... (indicate the name of the Bank)

IMPORTANT NOTE FOR CONTRACTORS

1 INSPECTION OF SITE AND CONTRACT DOCUMENTS

For purpose of inspection of site and relevant contract documents the firm is required to contact the **Assistant Engineer (E), Postal Electrical Sub Division, Guwahati Contact No:0361 2540447**, who shall give reasonable facilities for inspection of the same. The firm shall inspect and examine the site and shall satisfy himself before submission of the tender as to the form and nature of the work, their quantities materials necessary for completion of the work and in general shall himself obtain all necessary information as to risk contingencies and other circumstances which may influence or affect his tender. No extra charges consequent on any misunderstanding or otherwise shall be paid.

2 SUFFICIENCY OF TENDER

The firm shall be deemed to have satisfied himself before entering into the contract as to the correctness and sufficiency of his offer for the work and of the rates quoted in the schedule of works. These rates and amount shall, except as otherwise provided cover all his expenditure under the contract and all matters and things and co-ordination among DOP/EB/Statutory Inspection Authorities necessary for proper completion and maintenance and guarantee of the work.

3 TAX AND DUTIES:

- 3.1 All statutory deductions etc shall be made at source as per the prevalent laws.
- 3.2 The rates quoted by the tenderer, shall be firm and inclusive of all taxes, duties, levies, octroi etc and all charges for packing, forwarding, insurance, freight and delivery, installation, testing, commissioning and clearance from Statutory Inspection Authorities etc inclusive of GST. Tax deduction at source (TDS) of all the applicable Taxes/duties shall be carried out at source as per the Government rules.
- 3.3 No concession forms will be issued by the Department.
- 4 The department reserves the right to accept the quantities in full or in parts or delete any item.

5 STANDING ORDER No.286

- 5.1 Tender rates are inclusive of all taxes and levies including GST. However pursuant to the constitution (Forty Six Amendment) Act 1982, If any further tax or levy is imposed by a state, after the date of receipt of a tender and the contractor thereupon necessarily and properly pays such taxes/ levies the contractor shall be reimbursed that amount to be paid provided such payment if any is not in the opinion of Superintending Engineer (E) (whose decision will be said binding) attributable to delay in execution of work within the control of the contractor.
- 5.2 The Contractor shall keep necessary books of accounts and other documents for the purpose of his condition as may be necessary of Government and further shall furnish such other information as the Engineer-in-charge may require.
- 5.3 The Contractor shall within 30 days of imposition of any further tax or variation in tax or levy pursuant to the Constitution (46th amendment) Act 1982 gives written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition together with all necessary information relating thereto.
- 5.4 Clause 10CC is not applicable to this tender.

6 SECURITY DEPOSIT

The person/ persons whose tender(s) may be accepted (hereinafter called the contractor (s) shall permit Govt. at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 7.5% of the gross amount of each running bill till the sum will equal the amount of security deposit i.e. 7.5% of the tendered value of the work.

7 PERFORMANCE GUARANTEE

The successful tenderer shall submit an irrevocable performance guarantee of 3 % of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement within 10 days of issue of letter of acceptance. This guarantee shall be in the form of government securities or fixed deposit receipts or guarantee bonds of any scheduled bank or the State Bank of India in the specified format. The performance guarantee shall be valid upto the stipulated date of completion plus 60 days beyond that.

8 **INDEMNITY**

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law & Regulations for any accident occurring due to any cause and the department shall not be responsible for any accident and damage incurred or claims arising there from during the period of Erection, construction & putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer due to the above.

9 **ERECTION TOOLS**

No tools and tackles either for unloading or for shifting the equipment for erection purpose would be made available by the Department. The contractor shall make his own arrangement for all the facilities.

10 **CO-OPERATION WITH OTHER AGENCIES**

At the site of work more than one agency may be working. Full co-operation shall be extended to other agencies during progress of work. The work will be carried out in such a way so that it may not cause abnormal noise and hindrance to the offices of the DOP.

11 **STORES AND SAFETY**

All the stores and materials required for the satisfactory completion of the work shall be arranged at site by the contractor from his own sources. Lockable space, if available, for storing the material may be provided on request. However, safe custody of the material stored at site will be responsibility of the contractor.

12 **COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS.**

All works shall be carried out in accordance with relevant regulations both statutory and those specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following.

- a). Factories Act.
- b). Indian Electricity Rules/ Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation 2010
- c). IS &BS Standards as applicable.
- d). Workmen's compensation Act.
- e). Statutory norms prescribed by local bodies like CEA, ISEB etc.,

13 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design , manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

14 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirement of safety codes in respect of labour employed on the work by the tenderer, Failure to provide and safety requirement will be at liberty of the department to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

15 **COMPLETION OF TENDER**

All sundry equipment, fittings unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

16 **CARE OF THE BUILDING**

Care shall be taken by the contractor while handling and installing the various equipments and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

17 No mobilization amount/ incentive for early completion shall be paid for this work.

Executive Engineer(E)
Postal Electrical Division
Kolkata

GENERAL CONDITIONS OF CONTRACT

1 COMPLETION PERIOD

- 1.1 The completion period of the entire work shall be as mentioned in the NIT from the stipulated date of start. The work shall have to be completed within time and shall be binding on the contractor.
- 1.2 In case the contractor fails to execute the said work or related work within stipulated time, DOP will be at liberty to get the work executed from the open market at the risk and cost of the contractor. Any additional cost incurred by DOP during such execution of the work shall be recovered from the contractor.

2 QUALITY, WARRANTY/ GUARANTEE

- 2.1 After re-installation of the Solar PV Power System at site, the contractor shall ensure satisfactory performance of the equipment for a period of time as specified in the scope of work. Contractor shall submit the performance report of the system on quarterly basis in addition to routine check-up of the system including checking of battery (if applicable) and inverter etc. duly signed from user regarding functioning of the system during the warranty period.
- 2.2 The contractor shall rectify defects developed in the Systems within warranty period promptly. In case the contractor does not rectify the defects within 5 days of the receipt of complaint, DOP may restore the System in working condition on contractor's expenses.

3 INSPECTION AND TESTS

DOP or its authorised representative may inspect material as per following.

- 3.1 DOP or its duly authorized representatives shall have the right to inspect and /or to test the goods to confirm their quality according to the contract and shall have access to the contractor's works premises and the power to inspect and examine the materials and workmanship of the Solar PV Power Plant at all reasonable times during their manufacture.
- 3.2 The contractor shall inform DOP through a written notice regarding any material being ready for testing at least 7 days in advance. The conditions of contract and/or the technical specifications shall specify what inspections and tests shall be conducted by DOP. All the arrangements of necessary equipment and expenses for such tests shall be on the contractor's account excluding the expenses of the inspector.
- 3.3 DOP's Inspector, unless the witnessing of the tests is virtually waived off, will inspect and attend such test within 7 days from the date on which the equipment are notified as being ready for test /inspection. MNRE officer may also be present at the time of such testing.
- 3.4 DOP shall within 7 days, give written notice to the contractor, about any objection regarding the quality of the system. The contractor shall either make the necessary modifications to remove the cause of such objection or shall clarify the objections in writing if modifications are not necessary to comply with the contract.
- 3.5 After satisfactory testing of the systems during inspection, DOP's Inspector shall issue dispatch clearance for the supply.

4 SPARE PARTS

The contractor shall make arrangement to maintain a sufficient stock of essential spares and consumable spare parts to ensure proper maintenance of the system promptly in case of CMC.

6 TRANSPORTATION

The contractor is required to deliver the goods at locations as defined in the scope of work.

7 DEMURRAGE WHARFAGE, ETC

All demurrage, wharf age and other expenses incurred due to delayed clearance of the material or any other reason shall be on the account of the contractor.

8 INSURANCE

- 8.1 The goods supplied under the contract shall be fully insured against loss or damage incidental to manufacture or acquisition; transportation and the expenses shall be borne by the contractor.
- 8.2 The contractor shall arrange security & storage of their materials to avoid any theft or losses during execution of work. DOP will, in no case, shall be responsible for providing any security/storage for the materials & equipment lying at site during execution of work. Under the contract, contractor shall be responsible for any loss or damage until the systems/ supplies are taken over.

9 LIABILITY FOR ACCIDENTS AND DAMAGES

During the warranty period, the contractor shall assume all responsibilities for direct damages covering all type of accident, injury or property damage caused by manufacturing defects or faulty installation on the systems.

10 PATENT RIGHT AND ROYALTIES

The contractor shall indemnify DOP against all third party claims of infringement of patent, royalties, trademark or industrial design rights arising from use of the goods supplied/ installed by the contractor or any part thereof.

12 LOCAL CONDITIONS

- 12.1 It will be imperative on contractor to have full information of all local conditions and factors which may have any effect on the execution of the works. The contractor shall be deemed to have collected all the relevant information regarding the proposed place of works/ site, its local environment, approach road and connectivity etc. and be well acquainted with actual working and other prevailing conditions.
- 12.2 The contractor is advised to pre-visit the site before quoting for as well as starting the work. DOP shall not entertain any request of contractor for clarifications related to such local conditions and shall bear no responsibility in this regard.

13 TOOLS & TACKLES

The contractor shall provide all necessary tools & tackles for proper execution of work and operation/ maintenance of systems after installation. DOP shall in no way, responsible for supply of any tools & tackles.

14 TERMINATION FOR DEFAULT

DOP without prejudice to any other remedy for violation of contract, by written notice of default sent to the contractor, may terminate the contract in whole or in part:

- 14.1 If the contractor fails to deliver the Services within the allocated time period(s).
- 14.2 If the contractor fails to perform any other obligation(s) under the contract. However in the event of termination of the contract in part, the contractor shall continue performance of the contract to the extent not terminated.

15 TERMINATION FOR INSOLVENCY

DOP may at any time terminate the contract by giving written notice to the contractor without compensation to the contractor if he becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to DOP.

16 COMPLETION OF WORK

On completion of the work, the contractor shall submit 5 sets of "As Executed Report" to DOP which will include photographs, drawings and as executed reports of various systems containing details of installation from the point of view of future maintenance of the installed systems. This report must also contain all Technical Details, Detailed Circuit Diagram of the Electronic/ Electrical components of all the system. The report shall include satisfactory performance report from appropriate authority for each site along with photograph of representative of the authority and the party.

17 OTHERS CONDITIONS

- 17.1 The contractor shall not transfer, assign or sublet the work under this contract or any substantial part thereof to any other party.
- 17.2 Work carried out without DOP approval shall not be accepted and DOP shall have rights to get it removed and to recover the cost so incurred from the contractor.
- 17.3 The contractor shall not display the photographs of the work and not take advantage through publicity of the work without written permission of DOP.

18 PAYMENT TERMS

- 18.1 No advance payment shall be made.
- 18.3 70 % of the ordered value after re-installation of the System (The contractor shall raise bill of 70 % of the ordered value after re-installation of the system)
- 18.4 30 % of the ordered value after successful re-installation of net metering work, testing, commissioning of the system with remote monitoring.

Note: i) Security Deposit shall be kept by the Department @ 7.5% of total amount of work done or agency can submit Bank Guarantee of equal amount i.e 7.5% of the total work done which shall be released @ 2.5 % Per Year during the warranty period of 3 years subject to satisfactory performance of comprehensive maintenance of Solar Power Plant on year-over-year basis for 3 year after completion of work.

Executive Engineer(E)
Postal Electrical Division
Kolkata

INSTRUCTIONS TO TENDERERS

1 Background

DOP shall mean The Executive Engineer (E), Postal Electrical Division, Kolkata (Tender Calling Authority). Wishes to select competent, experienced and financially sound manufacturers / suppliers to Re-install, commission and to maintain **20 KWP solar panels at Gangtok HPO Building under North Bengal Region**. The work is to be carried out on 'Turn Key Basis' which includes reinstallation of 2 Years old 20KWp dismantled Solar Power Plant, testing, commissioning and maintenance services for 3 years with free replacement warranty on spare parts against manufacturing defects of any part of the system including solar panel mounting structure/frame for five years. Expected capacity of SPV systems will be 20 KWp, however quantity taken in schedule of work can be deviated by +/- 25% at the time of approval of tender or during execution of work.

2 Mode of Execution of Programme:

The basis of evaluation of the bids shall be the percentage rate quoted in the Price Schedule. To further clarify, reinstallation and commissioning cost and taxes etc. shall be inclusive to the cost of reinstallation of complete system including supply of structure (as required) and **Three years warranty**. Proposers are required to quote percentage rate on firm basis and no price variation on any account shall be considered.

3 Abbreviations / Terms:

i)	Manufacturers	Manufacturers of SPV Modules (Meeting technical specification and other parameters specified by MNRE).
ii)	Channel Partners	MNRE Approved Channel Partners
iii)	EMD	Earnest Money Deposit
iv)	SD	Security Deposit. which will be deducted from payment against supply and installation for warrantee period
v)	Performance guarantee	Performance guarantee shall be deposited by the successful bidder as per schedule prescribed in the bid document.
vi)	Systems	SPV Roof Top /Ground mounted Gird connected Systems
vii)	Proposal	Tender / Bid / Quotation
viii)	Proposer	Tenderer/Bidder/Applicant
ix)	Cost of System	Total Price of System
x)	CMC	Maintenance services for 3 years with free replacement warranty on spare parts against manufacturing defects.

4 CONTENT OF TENDER DOCUMENT

- 4.1 The tender procedure and contract terms are prescribed in the tender document. In addition to the invitation of tender, the tender document includes the various other documents as given in the table of particulars of tender.
- 4.2 The tenderer is expected to examine /read all instructions, terms and conditions, specifications, forms and formats etc as mentioned/ enclosed in the tender document. Failure to furnish all information required in the tender document or submission of a tender not substantially responsive to the tender document in every respect will be at the tenderer's risk and is likely to result in out-right rejection of the tender.

5 CLARIFICATION OF TENDER DOCUMENT

- 5.1 Any prospective tenderer requiring any clarification on the tender document regarding various provisions/ requirements/ preparation/ submission of the tender, may contact DOP in writing by letter or fax/email within one week (7 days) from the date of publication/ up-loading of tender at Website. Queries received later shall not be entertained
- 5.2 Verbal clarifications and information shall not be entertained in any way.

Executive Engineer(E)
Postal Electrical Division
Kolkata

SCOPE OF WORK

Scope of work covers **RE-INSTALLATION OF 20 KWp Solar Panel on the roof (Saw tooth type) slanted with provision of new structure, L clamp (Long Rail Type structure), Solar cable, Anchor fastner & SS bolts with replacement of damaged cable i/c connection to existing PCU, metering , earth continuity, lightning protection, strip connection, testing & commissioning i/c all other accessories i/c liasioning with state authority etc complete as reqd.** conforming to technical specification enumerated in relevant MNRE guidelines amended upto date.

Detailed scope of work is given here under:-

1 Work of installation of SPV Gird connected Systems shall involve:

- 1.1 Submission of program of execution to Engineer-in-charge for approval with in 10 days after issue of letter of acceptance of tender.
- 1.2 Preparation of Detailed Project Report (DPR) of the proposed SPV Power Plant.
- 1.3 Obtaining No objection certificate from concerned supply company for grid connectivity
- 1.4 Design, supply, storage, civil work, erection, testing and commissioning of SPV grid connected Power Plant as per schedule given at the time of allotting targets.

2 PROJECT COST

- 2.1 The Project cost shall include all the costs related to above Scope of work. Bidder shall quote for the entire facilities on a “single responsibility” basis such that the total Bid Price shall cover the obligations mentioned in the Bidding Documents in respect of Design, Supply, Erection, Testing and Commissioning of solar panel mounting frame including Warranty for a period of 3 years of the whole system. The Bidder has to take all permits, approvals and licenses, insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.
- 2.2 The project cost shall remain firm and fixed and shall be binding on the Successful Bidder till completion of work irrespective of his actual cost of execution of the project. No escalation will be granted on any reason what soever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons what soever.
- 2.3 The maintenance of Solar Photo voltaic Power Plant would include warranty against machine breakdown, insurance, and replacement of defective modules, invertors/ Power Conditioning Unit (PCU), spares, consumables, mounting frame/structure & other parts for a period of 3 years.
- 2.4 The Bidder shall be responsible and take an Insurance Policy for transit-cum-storage-cum-erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning.
- 2.5 The Bidder shall also take insurance for Third Party Liability covering loss of human life, engineers and work men and also covering the risks of damage to the third party / material/ equipment/ properties during execution of the Contract. Before commencement of the work, the Bidder will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of bidder.

3 Net metering of Power :

The bidder to whom the work is awarded shall bear the entire cost of refixing of net metering arrangement provided including its accessories. The fee and other charges such as security deposit payable to office of supply company & Electrical inspector will be payable by DOP separately. The re-installation of meters including CTs & PTs, wherever applicable, shall be carried out by the bidder as per the procedures in use of the supply company with their permission. **The bidder shall do all the co-ordination among DOP/EB/Statutory Inspection Authorities necessary for net meter commissioning, proper completion and maintenance and guarantee of the work. Nothing extra shall be paid on this account.**

4 PLANT PERFORMANCE EVALUATION:

DOP shall monitor the performance of the Grid connected SPV Power Plants subject to availability of proper measuring equipment being in use in supply company as under:

The successful bidder shall be required to meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the DNI level for the location during the warranty period.

5 LANGUAGE OF TENDER AND MEASURE

The tender prepared by the tenderer along with all the related documents shall be in English. Unit measurements shall be metric in accordance with International System. All correspondence between the tenderer and DOP shall also be in English.

6 EARNEST MONEY

- 6.1 The bidder shall not deposit any amount in respect of Earnest Money Deposit. The Earnest Money Deposit Declaration to be filled, stamped & signed by the bidder as specified in the tender document shall only be uploaded alongwith other requisite documents as per NIT.

7 FORMATS AND SIGNING OF TENDER

- 7.1 The tender must contain the name and places of business of the firm/person/persons participating in the tender and must be signed and sealed by the tenderer with his usual signature. The name and designation of all persons signing the tender document should be written below every signature. Tender by a partnership firm must be furnished with full name of all partners with a copy of partnership deed.
- 7.2 Certified copy of all the scanned and uploaded documents must be signed with the legal name of the corporation/ company by the President/ Managing Director/ Secretary of the firm or a person duly authorized to bid. In case of authorized person the letter of authorization by written power-of-attorney should be enclosed with the technical bid of the tender. The person or persons signing the tender shall initial all pages of the tender document.

Executive Engineer(E)
Postal Electrical Division
Kolkata

GENERAL DESCRIPTION OF WORK

Note:- Below mentioned specifications are for preliminary reference. However considering the site requirement, Engineer-in-charge may alter / modify the specifications. Bidder shall be bound to carry out the work as per such revised specifications without any extra cost.

- 1 The EI & fans work shall comprise of items described in the schedule of work and specifications for various items of work detailed in the following sections.
- 2 **General Specification**
- 2.1 The work shall be done as current CPWD specifications for Electrical works as amended from item to item and Indian Electricity Rules as amended up to date.
- 2.2 The work shall be supervised by a qualified overseer/Degree Holder Supervisor and the contractor will have to submit the Credentials of the overseer/ Degree Holder before he will be allowed to work at the site.
- 2.3 The layout of the work will be given by the Engineer-in-Charge or his duly authorized representative at site of work.
- 2.4 Separate conduits shall be provided for following.
 - a Power plug wiring.
 - b Light and fan point wiring.
 - c Telephone wiring
- 2.5 The number of power plug points may not exceed one two ckt in any of the cases
- 2.6 The earthing sets(if required) shall be provided in the presence of the Engineer-in-charge or his authorized representative failing which the Contractor will have to redo the earthing in the presence of the Engineer-in-Charge or his authorized representatives.
- 2.7 The Contractor will have to give the following tests in the proforma at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account. These tests will be carried out in the presence of the Engineer-in-Charge or his duly authorized representative.
 - a Earth test.
 - b Polarity test.
 - c Insulation test.
 - d Earth continuity test of the surface conduit pipes.
- 2.8 Any damage done to the building by the Contractor during the execution of work shall have to be made good at his cost and risk. If he does not do it himself within a reasonable time determined by the Executive Engineer(E), then the same will be got done at his cost Departmentally after giving notice to him.
- 2.9 The runs of various circuit wiring at various places shall be kept minimum by taking the runs on the walls .
- 2.10 All the M.S distribution boards, sub-main boards & main boards and their complete fittings shall be sign written clearly indicating the number of distribution board, the type of load it is serving and the number of circuits contained in the distribution box shall be pasted in tabular form on the reverse of the cover of the distribution box.
- 2.11 The contractor will have to use metal clad switches and metal clad distribution boxes of specified categories as given in the schedule of work
- 2.12 Interconnection between bus bar and switches (100 Amps and above) on sub main boards will be done with solid copper conductor with PVC sheathing.
- 2.13 While making the end connections of wire, no strand shall be out and the termination of wire shall be done with necessary lugs and ferrules without any extra payment.
- 2.14 Lugs should be provided while terminating 8 SWG G.I. wire for earth continuity without any extra payment.
- 2.15 The termination of conduits etc. in the junction box to be provided above DB's should be done by making proper holes instead of cutting the box.
- 2.16 If any conduit is laid before the award of this work the recovery for the same will be made from the contractor at schedule rates plus abatement of this tender.
- 2.17 The bus bar provided in main board shall be suitable for current density of not more than 100Amp/sq.mm.
- 2.18 Air conditioning plant rooms, weather maker rooms, sub station rooms and engine alternator rooms shall be provided with lights only on walls.

- 2.19 Three pin ceiling rose outlets shall be provided on walls in substation rooms at 2300 mm from floor level for installation of wall mounting fans / air circulators.
- 2.20 Conduits leading from switch boards to SDBs shall preferable be clubbed in junction boxes to be provided below the beams and reduced number of higher sizes conduits may be taken down to SDBs for termination of circuits & sub mains.
- 2.21 The tenderer should submit along with the tender the makes of material to be used on the work whenever not specified in the schedule. Unapproved materials, if used on work shall have to be removed immediately at the cost and risk of contractor

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TECHNICAL SPECIFICATION FOR GRID CONNECTED SPV SYSTEM

1 ARRAY STRUCTURE

- 1.1 Hot dip galvanized MS mounting structures may be used for mounting the modules/panels/arrays. Minimum thickness of galvanization should be at least **120 microns**.
- 1.2 Each structure should have angle of inclination as per the site conditions to take maximum insolation. However to accommodate more capacity the angle inclination may be reduced until the plant meets the specified performance ratio requirements.
- 1.3 **The mounting structure shall be so designed to withstand wind velocity as per the local meteorological conditions or 150 Km/hr whichever is more. The structural design for mounting of solar panels shall be approved by qualified structural engineer and a certificate duly signed by the qualified structural engineer in this regard shall be submitted by the contractor to the Engineer-in-charge before start of installation.** Suitable fastening arrangement such as grouting and clamping should be provided to strengthen the firmity of the installation against the specific wind speed.
- 1.4 The mounting structure steel shall be as per latest IS 2062: 1992 and galvanization of the mounting structure shall be in compliance of latest IS:4759.
- 1.5 Structural material shall be corrosion resistant and electrolytically compatible with the materials used in the module frame, its fasteners, and nuts and bolts. Aluminum structures also can be used which can withstand the wind speed of respective wind zone. Necessary protection towards rusting need to be provided either by coating or anodization.
- 1.6 Aluminium frames should be avoided for installation in coastal areas.
- 1.7 The fasteners used should be made up of stainless steel. The structures shall be designed to allow easy replacement of any module. The array structure shall be so designed that it will occupy minimum space without sacrificing the output from the SPV panels.
- 1.8 Regarding civil structures the bidder need to take care of the load bearing capacity of the roof and need arrange suitable structures based on the quality of roof.
- 1.9 The total load of the structure (when installed with PV modules) on the terrace should be less than 75 kg/m².
- 1.10 The minimum clearance of the structure from the roof level should be 300 mm for Roof, 100 mm for shade and 750 mm for Ground.

2 Civil Work Specifications

2.1 Concreting

- a. Concrete mix shall be of M-20/M-25 grade for pedestal and earth pit chambers.
- b. Pedestal base shall be provided with tapered gola using water proofing compound of IS-2649.
- c. Curing of all complete work shall be carried out continuously for minimum of 7 days.
- d. The solar panels are very much prone to uprooting at very high wind speed during the storms, therefore, they have to be anchored properly on the **roof top** by suitably designing the fixtures and its support system considering the design wind speed for the area as per the relevant IS code.
- e. During fixing the solar panels on the roof top, the damage to the structural slabs/water proofing treatment should be carefully avoided.
- f. The solar panels should be fixed on the roof surface in such a way that the rain water flow to the rain water pipe should not be obstructed and maintenance of other items such as water supply pipelines should not be disturbed and there should be no hindrance for maintaining it.
- g. **For the upkeep and cleaning, a lightweight folding ladder of height about 8 feet should be provided.**

2.2 Array Layout

Contractor shall design the array layout by incorporating following :

- a. The slanted roof (Saw tooth type).
- b. Minimum clearance for the rain water drainage.

2.3 Structural Design

Latest IS code shall be followed for structural design. Contractor shall submit the structural analysis and design (STAAD) calculations along with the structural design.

3 JUNCTION BOXES (JBs)

- 3.1 The junction boxes are to be provided (if required) in the PV array for termination of connecting cables. The J.Boxes (JBs) shall be made of GRP/FRP/Powder Coated Aluminum /cast aluminum alloy with full dust, water & vermin proof arrangement. All wires/cables must be terminated through cable lugs. The JB's shall be such that input & output termination can be made through suitable cable glands.
- 3.2 Copper bus bars/terminal blocks housed in the junction box with suitable termination threads Conforming to IP65 standard and IEC 62208 Hinged door with EPDM rubber gasket to prevent water entry. Single /double compression cable glands. Provision of earthings. It should be placed at 5 feet height or above for ease of accessibility.
- 3.3 Each Junction Box shall have High quality Suitable capacity Metal Oxide Varistors (MOVs) / SPDs, suitable Reverse Blocking Diodes. The Junction Boxes shall have suitable arrangement monitoring and disconnection for each of the groups.
- 3.4 Suitable markings shall be provided on the bus bar for easy identification and the cable ferrules must be fitted at the cable termination points for identification.
- 3.5 All fuses shall have DIN rail mountable use holders and shall be housed in thermoplastic IP 65 enclosures with transparent covers.

4 CABLES:

Cables of appropriate size to be used in the system shall have the following characteristics:

- 4.1 Shall meet IEC 60227/IS 694, IEC 60502/IS1554 standards
- 4.2 Temp. Range: -10°C to $+80^{\circ}\text{C}$.
- 4.3 Voltage rating 660/1000V
- 4.4 Excellent resistance to heat, cold, water, oil, abrasion, UV radiation
- 4.5 Flexible
- 4.6 Sizes of cables between array interconnections, array to junction boxes, junction boxes to Inverter etc. shall be so selected to keep the voltage drop (power loss) of the entire solar system to the minimum. The cables (as per IS) should be insulated with a special grade PVC compound formulated for outdoor use.
- 4.7 For the DC cabling, XLPE or, XLPO insulated and sheathed, UV- stabilized single core multi-stranded flexible copper cables shall be used; Multi-core cables shall not be used.
- 4.8 For the AC cabling, PVC or, XLPE insulated and PVC sheathed single or, multi-core multi-stranded flexible copper cables shall be used; Outdoor AC cables shall have a UV-stabilized outer sheath.
- 4.9 The cables (as per IS) should be insulated with a special grade PVC compound formulated for outdoor use. Outer sheath of cables shall be electron beam cross-linked XLPO type and black in colour.
- 4.10 Cables and wires used for the interconnection of solar PV modules shall be provided with solar PV connectors (MC4) and couplers.
- 4.11 All cables and conduit pipes shall be clamped to the rooftop, walls and ceilings with thermo-plastic clamps at intervals not exceeding 50 cm; the minimum DC cable size shall be 4.0 mm^2 copper; the minimum AC cable size shall be 4.0 mm^2 copper. In three phase systems, the size of the neutral wire size shall be equal to the size of the phase wires.
- 4.12 Cable Routing/ Marking: All cable/wires are to be routed in a GI cable tray and suitably tagged and marked with proper manner by good quality ferule or by other means so that the cable easily identified.
- 4.13 The Cable should be so selected that it should be compatible up to the life of the solar PV panels i.e. 25 years.
- 4.14 The ratings given are approximate. Bidder to indicate size and length as per system design requirement. All the cables required for the plant provided by the bidder. Any change in cabling sizes if desired by the bidder/approved after citing appropriate reasons. All cable schedules/ layout drawings should be incorporated in O & M Manual.
- 4.15 Multi Strand, Annealed high conductivity copper conductor PVC type 'A' pressure extruded insulation or XLPE insulation. Overall PVC/XLPE insulation for UV protection Armoured cable for underground laying. All cable trays including covers to be provided. All cables conform to latest edition of IEC/equivalent BIS Standards as specified below:
BIS item / component Standard Description Standard Number Cables General Test and Measuring Methods, PVC/XLPE insulated cables for working Voltage up to and including 150 V,UV resistant for outdoor installation IS /IEC 69947.
- 4.16 The size of each type of DC/AC cable selected shall be based on minimum voltage drop however; the maximum drop shall be limited to 2 %.

5 SAFETY MEASURES:

The bidder shall take entire responsibility for electrical safety of the installation(s) including connectivity with the grid and follow all the safety rules & regulations applicable as per Electricity Act, 2003 (including latest Amendment) and CEA guidelines etc.

6 SCOPE OF MAINTENANCE OF SPV POWER PLANT FOR A COMPREHENSIVE WARRANTY PERIOD OF 3 YEARS FROM DATE OF SATISFACTORY COMMISSIONING OF SYSTEM.

- 6.1 Maintenance of the SPV Power Plant after satisfactory commissioning of system includes routine and on call maintenance of the system including supply all spare parts required for reliable operation of the system under 3 (Three) years comprehensive warranty period from the date of successful commissioning of the system.
- 6.2 The SPV power plants shall be warranted for 3 years comprehensive maintenance from the date of successful commissioning. The complete system including all equipments/components/accessories/mechanical structures/ electrical works such as PCU/Inverter, MPPT Units, Distribution Boards/ digital meters/switchgears/cabling/earthing /lightning arrestors etc along with supply of consumable items
- 6.3 Complete maintenance of the plants has to be carried out by the contractor and cannot be sublet to any third party.
- 6.4 The security of the power plants will rest with the contractor till such time the power plant is not handed over to the department
- 6.5 The Contractor shall be responsible for all required activities for successful maintenance of the SPV Power Plant during the 3 year Comprehensive warranty period.
- 6.6 The deputed personnel during his routine visits / breakdown visits shall check and test all the equipment, so that, preventive actions, if any, could be taken well in advance to save any equipment from damage. Any abnormal behaviour of any equipment shall be brought to notice of Engg.-in-charge immediately for appropriate action.
- 6.7 Normal and preventive maintenance of the power plant such as checking of all the equipments and accessories as a part of routine and breakdown maintenance on regular interval, tightening of all electrical connections, changing of tilt angle of module mounting structure, cleaning & greasing of terminals etc. shall be under the scope of the contract.
- 6.8 During maintenance period of 3 years of the power plants, if there is any loss or damage of any component of the power plants due to miss management/miss handling or any other reasons, whatsoever, the bidder shall be responsible for immediate replacement/rectification. The damaged component may be repaired, if it is understood after examination that after repairing performance of the component shall not be degraded, otherwise the defective component shall have to be replaced by new one without any extra cost.
- 6.9 The contractor shall keep sufficient inventories to assure ready stock supply of all spares, consumables and fixtures as required. Stock should be maintained all associated equipments and materials as per manufacturer/ supplier recommendations.
- 6.10 The spares and measuring instruments which are supplied along with the systems are the property of the department and the contractor will use these spares sparingly with express permission of the department in case of emergency breakdowns, however, the contractor will have to refill the used spares within one month of drawn down.
- 6.11 All the spares inventory of the department has to be fully refilled with new and unused spares at the time of handing over of the plant after completion of the 3 years of maintenance of the plants by the contractor. In case of non-compliance, the department will refill these spares with new ones at the cost of the contractor.

7 COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (AMC)

- 7.1 The quoted rate shall include comprehensive annual maintenance contract for three years after from the date of commissioning of system for the complete system supplied under this contract. The agency shall make preventive maintenance visit to the site **minimum once in a three months and record the site observations and actions taken.**
During AMC if the problem reported to the agency, service engineer has to report to site within next 24 hours. The agency shall ensure availability of spare parts and maintenance support services for the offered equipment for at least 10 years from the date of supply. The agency shall give a notice of at least one year of equipment before phasing out the product/spares to enable for placement of order for spares and services.

Please note that cleaning of Solar PV panels are excluded from the scope of agency.
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7.2 Following jobs are required to be covered under quarterly visit:-

- i) Visual inspection of Modules and mounting clamps for any broken glass/ discoloration, misaligned modules.
- ii) Visual inspection of mounting structures, inspection & tightening of screws and fasteners as needed, Check for rust on structure.

- iii) Checking and tightening of solar inter connections, Visual inspection of junction boxes and wiring Tightening of any interconnections as needed.
 - iv) **PCU/Inverters-** General checking e.g. Check LCD displays & working of inverter.
 - v) Checking & ensuring Remote Monitoring and Log of daily production data.
 - vi) Submission of detailed inspection report.
- 7.3 **Contractor shall submit the performance report of the system on quarterly basis in addition to routine check-up of the system as mentioned in clause 7.2 above and duly signed from user regarding functioning of the system during the warranty period. (Format of the performance report should be approved by the Engineer-in-charge)**

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List of approved makes of items

Sl. No.	Brief Description	Make
1	Mono/Polycrystalline module	Indigenous make of M/s. CEL/BEL/BHEL/ Tata Solar/ Vikram/ Waaree/ Emmvee/ Goldi Green/ Saatvik/ HHV/ Moser Baer/ Alpex/ Websol Energy
2	PCU/ Inverter	M/s. SMA/KACO/ Schneider/ Delta/ Tata Solar/ Borg/ ACME/ BHEL/ Solar Edge/ ABB/ Techser/ Power One
3	Array Junction Box	Tyco/ Hensel
4	Main Junction Box	Tyco/ Hensel
5	DC Distribution Board	ABB/ Siemens/ Schneider/ Legrand
6	AC Distribution Board	L&T/ ABB/ Schneider/ Legrand
7	Power & Control Cables	Havells/ Finolex/ Grandley/ Lobster/ Polycab/ KEI/ Incab
8	Switchgears	ABB/ Siemens/ Schneider/ L&T/ GE
9	Conduits	ISI Marked
10	Monitoring System	ABB/ Schneider/ SMA/ KAKO
11	Fire Extinguisher	ISI Marked
12	Any other item	As approved by the Engineer-in-charge

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Annexure-A**A. SCHEDULE OF EXPERIENCE (Supply, Installation, Testing & Commissioning)**

(Please attach certificates in support from the concerned nodal agency /Govt. Organization / MNRE authorized Agency / Project owner for work executed)

Sl No	Details of SPV systems Installed during Last 7 Years	Year	Deptt./Agency /Beneficiary for which work carried out	Total KW size of work	Cost of works in { Amt in Lakhs.}	Attachment at Page No. of Techno-Commercial bid
1						
2						
3						
4						
5						
Total						

Signature & Seal of Proposer

{Please refer NIT for eligibility in this tender}

Annexure-B & C**B. Details of after sale service centres existing in the state**

Sl No	Name of Dealer/Centre	Village	Tehsil	District	Name of contact person & phone No:

SIGNATURE & SEAL OF TENDERER

C. Details of after sale service centres proposed in the state

Sl No	Name of Dealer/Centre	Village	Tehsil	District

Note: 1. Final details can be given later on.

2. This is for information purpose only.

SIGNATURE & SEAL OF TENDERER

FORMAT OF INSTALLATION CERTIFICATE

RST No:	M/s.....	Phone No:
CST No:	Address:	Fax No:
TIN No:		e-mail :

INSTALLATION CERTIFICATE

Date Of Installation :

Name of Beneficiary :

Address of Place of Installation :.....

Name of City :....., Tel.No:/Mobile No:

Certified thatkW PV Capacity SPV Roof Top/ Ground mounted Grid connected Power Plant in reference to DOP Agreement No:.....Dated:..... issued vide letter No: Dated:..... has been installed and commissioned at the place mentioned and taken over the system by beneficiary in good working condition: The details of material supplied and installed are as under :

Sl No	Item	Make & Capacity of	Quantity	Serial No.
1	SPV Module ofWp each			
2	Charge Controller/Invertor			
3	Invertor/PCU			
4	Module Stand			
5	Cable			
6	Lightening Arrestor			
7	Surge Protection device			
8	Other items.....			

Signature of Beneficiary:

Signature of representative of Firm/dealer
who installed the system
(Name:)

Signature of Firm's authorized Person with seal.

DOP verification

Note: RST/CST/TIN no. Should be printed or stamped properly.

Declaration of material proposed for supply under this programme By the Tenderer

[illegible]

SIGNATURE OF AUTHORISED
SIGNATORY WITH SEAL

AFFIDAVIT

I,(Name), Son/Daughter/wife of aged about..... years, resident of (Full Address) by Occupation- Contractor, by Nationality- Indian, do hereby solemnly affirm on oath and declare as under:

Tender Reference No: **62/EE/PED/KOL/NIT/2021-22**

Dated:

Name of Work: Re-installation of 20 KWP solar panels at Gangtok HPO Building under North Bengal Region.

Dear Sir,

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in DOP-Civil Wing (Electrical) in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

(Signature of the Bidder)